

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Shao Phan

### **MEMORANDUM**

**DATE**: October 26, 2020

**SUBJECT**: Efficacy Review for

S&S Sanitizer, EPA Reg. No. 1677-260 (primary); and CW32A RTU, EPA Reg. No 1677-259 (secondary) DP Barcode: 459246; E-submission No. 54511

FROM: Thao Pham

Efficacy Evaluation Team Lead

**Product Science Branch** 

Antimicrobials Division (7510P)

**TO**: Jacqueline Hardy, PM 34; Lorena Rivas

Regulatory Management Branch II Antimicrobials Division (7510P)

APPLICANT: Ecolab

#### Formulation from the Label:

 S&S Sanitizer, EPA Reg. No. 1677-260 (primary)

 Active Ingredient(s)
 % by wt.

 Dodecylbenzenesulfonic acid
 12.8%

 Lactic acid
 34.1%

 Other Ingredients
 53.1%

 Total
 100.0%

 CW32A RTU, EPA Reg. No 1677-259 (secondary)

 Active Ingredient(s)
 % by wt.

 Dodecylbenzenesulfonic acid
 12.8%

 Lactic acid
 34.1%

 Other Ingredients
 53.1%

 Total
 100.0%

#### I BACKGROUND

**Product Description (as packaged, as applied):** Concentrated Liquid (Dilutable) – primary; RTU spray - secondary

Submission type: Label Amendment

**Currently registered efficacy claim(s):** Food contact sanitizer, nonfood contact sanitizer, disinfectant (bactericide and virucide)

Requested action(s): Add SARS-CoV-2 claim and electrostatic spray application

#### Documents considered in this review:

S&S Sanitizer, EPA Reg. No. 1677-260 (primary)

- Cover letter from applicant to EPA dated August 28, 2020
- Proposed label dated 08/28/20
- Data Matrix (EPA Form 8570-35) dated 08/28/20
- Five efficacy studies (MRIDs 51251001-05)
- Confidential Statement of Formula (EPA Form 8670-4) dated 2/27/19

#### CW32A RTU, EPA Reg. No 1677-259 (secondary)

- Cover letter from applicant to EPA dated August 28, 2020
- Proposed label dated 08/28/20
- Data Matrix (EPA Form 8570-35) dated 08/28/20
- Confidential Statement of Formula (EPA Form 8670-4) dated 9/19/19

#### II AGENCY STANDARDS

EPA expedited review for adding electrostatic spray application directions: <a href="https://www.epa.gov/pesticide-registration/expedited-review-adding-electrostatic-spray-application-directions-use">https://www.epa.gov/pesticide-registration/expedited-review-adding-electrostatic-spray-application-directions-use</a>

Per 2018 810.2200 guideline, testing for viruses should be conducted using ASTM E1053. In a deviation from the guideline, EPA requested 3 product lots at LCL be tested for SARS-CoV-2.

#### III PROPOSED DIRECTIONS FOR USE

S&S Sanitizer, EPA Reg. No. 1677-260 (primary)

# "TO DISINFECT HARD, NON-POROUS, NON-FOOD CONTACT SURFACES (with spray and non-spray applications):

- 1. Dilute (this product) (insert product name) to 1.37 1.41 fl. oz./gal (in up to 400 ppm hard water).
- 2. Surfaces must be pre-cleaned (with) (this product) (or) (a suitable cleaner) prior to disinfecting.
- 3. To disinfect, apply (this product) (insert product name) to surface by (flushing), (mopping), (sponging), (wiping), (or) (by) (hand pump) (coarse) (trigger) (spray) (6-8 inches from surface) to wet surface.

- 4. Allow surface to remain wet for 10 minutes.
- 5. Wipe (dry) with a (cloth), (paper towel), (clean mop), (wet vacuum pickup), or allow to air dry. No rinse required (for non-food contact surfaces).
- 6. Fresh solution must be prepared daily, when the use solution becomes visibly dirty or when the (use) solution tests below disinfection concentration range.

## TO DISINFECT HARD, NON-POROUS (FOOD AND NON-FOOD CONTACT) SURFACES (USING SPRAY APPLICATIONS ONLY):

- 1. Dilute (this product) to 0.52 0.55 fl. oz./gal (in up to 500 ppm hard water).
- 2. Surfaces must be pre-cleaned (with) (this product) (or) (a suitable cleaner) prior to disinfecting. (When (this product) (insert product name) (is) used at this concentration, no rinse is required prior to disinfecting.)
- 3. To disinfect, apply (this product) (insert product name) to surface by (hand pump) (coarse) (trigger) (spray) (6-8 inches from surface) to wet surface.
- 4. Allow surface to remain wet for 8 minutes.
- 5. Wipe (dry) with a (cloth), (paper towel), or allow to air dry. (No (water) rinse required). (A water rinse is not required.)
- 6. Fresh solution must be prepared daily, when the use solution becomes visibly dirty or when the (use) solution tests below disinfection concentration range.

#### GENERAL DIRECTIONS FOR USE WITH ELECTROSTATIC SPRAYING

Remove by-standers and pets from the area to be treated. Do not use for treatment of humans, air, or for fumigation. Spray droplet particle size should set to a limit volume median diameter of ≥40µm. Use N95 filtering facepiece respirators. Plan the spray routine to minimize unnecessary exposure to treated areas [for example, begin applying product in the back of the room/area and work towards the front of the room/area]. Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF.

## FOR USE AS A [MULTI SURFACE] [FOOD] [AND] [NON-FOOD] [CONTACT] [SURFACE] SANITIZER BY ELECTROSTATIC SPRAYING

To sanitize hard, non-porous surfaces, dilute to (0.27-0.55 fl oz/gal). Surfaces must be precleaned (with) (this product) (or) (a suitable cleaner) prior to sanitizing. When (this product) (insert product name) (is) used at this concentration, no rinse is required prior to sanitizing. Apply use solution with electrostatic sprayer to hard, non-porous environmental surfaces. Spray approximately (5-7 inches) from the surfaces; making sure to wet surfaces thoroughly. All surfaces must remain wet for the required contact time indicated in the food contact surface sanitizing table, reapplying if necessary. Wipe or let air dry. When using on food contact surfaces, no rinse is required. (This product will kill viruses, including norovirus, on hard, non-porous food contact surfaces when used according to these directions.)

### FOR USE AS A [MULTI SURFACE] [FOOD] [AND] [NON-FOOD] [CONTACT] [SURFACE] DISINFECTANT BY ELECTROSTATIC SPRAYING

To disinfect hard, non-porous surfaces, dilute to (0.52-0.55 fl oz/gal). Surfaces must be precleaned (with) (this product) (or) (a suitable cleaner) prior to disinfecting. When (this product) (insert product name) (is) used at this concentration, no rinse is required prior to sanitizing. Apply use solution with electrostatic sprayer to hard, non-porous environmental surfaces. Spray approximately (5-7 inches) from the surfaces; making sure to wet surfaces thoroughly. All surfaces must remain wet for the required contact time indicated in the hard surface disinfection (by spray application) table, reapplying if necessary. Wipe or let air dry. When using on food contact surfaces, no rinse is required. (This product will kill viruses, including norovirus, on hard, non-porous food contact surfaces when used according to these directions.)."

#### CW32A RTU, EPA Reg. No 1677-259 (secondary)

#### "TO DISINFECT HARD, NON-POROUS (FOOD AND NON-FOOD CONTACT) SURFACES:

- 1. Surfaces must be pre-cleaned (with this product) (or) (a suitable cleaner) prior to disinfecting. (When this product is used as a cleaner, no rinse is required prior to disinfecting.)
- 2. To disinfect, (apply) (spray) (this product) (insert product name) (to surface by) (hand pump) (coarse) (trigger) (spray) (6-8 inches from (hard, non-porous) surface) (to wet surface).
- 3. Allow surface to remain wet for 8 minutes.
- 4. Wipe (dry) with a (disposable) (cloth), (paper towel), or allow to air dry. No (water) rinse required.

#### GENERAL DIRECTIONS FOR USE WITH ELECTROSTATIC SPRAYING

Remove by-standers and pets from the area to be treated. Do not use for treatment of humans, air, or for fumigation. Spray droplet particle size should set to a limit volume median diameter of ≥40µm. Use N95 filtering facepiece respirators. Plan the spray routine to minimize unnecessary exposure to treated areas [for example, begin applying product in the back of the room/area and work towards the front of the room/area]. Place the electrostatic spray function in the ON position for electrostatic spray models that have the functionality to toggle ON/OFF.

## FOR USE AS A [MULTI SURFACE] [FOOD] [AND] [NON-FOOD] [CONTACT] [SURFACE] SANITIZER BY ELECTROSTATIC SPRAYING

To sanitize hard, non-porous surfaces, pre-clean surfaces (with) (this product) (or) (a suitable cleaner) prior to sanitizing. When (this product) (insert product name) (is) used at this concentration, no rinse is required prior to sanitizing. Apply product with electrostatic sprayer to hard, non-porous environmental surfaces. Spray approximately (5-7) inches from the surfaces; making sure to wet surfaces thoroughly. All surfaces must remain wet for the required contact time indicated in the food contact surface sanitizing table, reapplying if necessary. Wipe or let air dry. When using on food contact surfaces, no rinse is required.

(This product will kill viruses, including \*Norovirus, on hard, non-porous (food contact) surfaces when used according to these directions.)

## FOR USE AS A [MULTI SURFACE] [FOOD] [AND] [NON-FOOD] [CONTACT] [SURFACE] DISINFECTANT BY ELECTROSTATIC SPRAYING

To disinfect hard, non-porous surfaces, pre-clean surfaces (with) (this product) (or) (a suitable cleaner) prior to disinfecting. When (this product) (insert product name) (is) used at this concentration, no rinse is required prior to sanitizing. Apply product with electrostatic sprayer to hard, non-porous environmental surfaces. Spray approximately (5-7) inches from the surfaces; making sure to wet surfaces thoroughly. All surfaces must remain wet for the required contact time indicated in the hard surface disinfection table, reapplying if necessary. Wipe or let air dry. When using on food contact surfaces, no rinse is required.

(This product will kill viruses, including \*Norovirus, on hard, non-porous (food contact) surfaces when used according to these directions.)"

### IV STUDY SUMMARIES

1.	MRID	51251001				
Study Objective		Disinfectant - virucidal				
Testing Lab; L	ab Study ID	Analytical Lab Group – Midwest; A30183				
<b>Experimental</b>	Start Date	July 16, 2020 Study Completion Date: August 6, 2020				
Test organism	ı(s)	SARS-Related Coronavirus 2, BEI Resources NR-52281, Strain				
⊠ 1 □ 2 □ 3 □	<b>3</b> 4+	Isolate USA-WA 1/2020				
<b>Indicator Cell</b>	Culture	Vero E6 cells (ATCC CRL-1586)				
<b>Test Method</b>		ASTM E1053-20				
<b>Application M</b>	ethod	Liquid; 2.00 mL aliquot of use-dilution				
Test	Name/ID	919871				
Substance	Lots	5010EG1800-CL, 5010EG1500-CL and 2210EG2000-CL				
Preparation	□1□2⊠3	,				
	Preparation	Tested concentration: LCL				
	•	Tested Dilution: (0.27 oz / gallon)				
		5010EG1800-CL: 2.10 g test substance + 997.90 g diluent				
		5010EG1500-CL: 2.10 g test substance + 997.90 g diluent				
		2210EG2000-CL: 2.07 g test substance + 997.90 g diluent				
		Diluent: 500 ppm AOAC synthetic hard water				
Soil load		1% fetal bovine serum				
Carrier type, #		Glass petri dish; 1				
Test condition	ıs	Contact time: 15 seconds				
		Temperature: 18.0°C				
		Relative humidity: 53.08%				
Neutralizer		Sephadex column				
Reviewer comments		n/a				
(i.e. protocol deviations and						
amendments, retesting,						
control failures, etc.)						

2.	MRID	51251002			
Study Objective		Disinfectant – virucidal (Electrostatic sprayer)			
Testing Lab;	Lab Study ID	Ecolab Shuman Campus, NONGLP 20200014			
<b>Experimental Start Date</b>		June 9, 2020 Study Completion Date: July 1, 2020			
Test organis	m(s)	Feline calicivirus, ATCC VR-782			
□ 1 □ 2 □ 3	<b>□</b> 4+				
<b>Indicator Cel</b>	l Culture	CRFK cells (ATCC CCL-94)			
Test Method		Ecolab Protocol: MS505 Version 3.0 (ASTM E1053-20 modified			
		for electrostatic spray application)			
Application I	/lethod	Electrostatic spray at 7 inches for 2 seconds			
		5010EG1800 MMB62027: 1.83 g average			
		5010EG1500 MMB65028: 1.80 g average			
Test	Name/ID	S&S Sanitizer (919871)			
Substance	Lots	5010EG1800 MMB62027 and 5010EG1500 MMB65028			
Preparation	□1⊠2□3				
	Preparation	Tested concentration: LCL			
		Tested Dilution: (0.27 oz / gallon)			

	5010EG1800 MMB62027: 2.10 g product + 997.89 g diluent 5010EG1500 MMB65028: 2.11 g product + 997.89 g diluent Diluent: 400 ppm AOAC synthetic hard water
Soil load	None
Carrier type, # per lot	Glass petri dish; 1
Test conditions	Contact time: 30 seconds Temperature: 15-30°C Relative humidity: not reported
Neutralizer	Sephadex column
Reviewer comments (i.e. protocol deviations and amendments, retesting, control failures, etc.)	The study was not conducted under GLP. Electrostatic Sprayer Identity: Victory Cordless Electrostatic Handheld Sprayer

3.	MRID	51251003						
Study Objective		Disinfectant – bactericidal (Electrostatic sprayer)						
Testing Lab;	Lab Study ID	Ecolab Shuman Campus, NONGLP 20200019						
<b>Experimenta</b>	Start Date	6/16/20 <b>Study Completion Date</b> : 6/30/20						
Test organis	m(s)	Staphylococcus aureus (ATCC 6538), Salmonella enterica						
	□ 4+	(ATCC 10708)						
Test Method		Ecolab Protocol: MS010 ASTM E1053 modified for electrostatic spray						
Application N	/lethod	Electrostatic spray at 7 inches for 2 seconds						
		5010EG1800 MMB62027: 2.25 g average						
		5010EG1500 MMB65028: 2.12 g average						
Test	Name/ID	S&S Sanitizer (919871)						
Substance	Lots	5010EG1800 MMB62027 and 5010EG1500 MMB65028						
Preparation	□1⊠2□3							
	Preparation	Tested concentration: LCL						
		Tested Dilution: 0.52 oz / gallon						
		5010EG1800 MMB62027: 4.10 g product + 995.90 g diluent						
		5010EG1500 MMB65028: 4.07 g product + 995.93 g diluent						
		Diluent: 400 ppm AOAC synthetic hard water						
Soil load		None						
Carrier type,		Glass slides, 10						
Test condition	ns	Contact time: 8 minutes						
		Temperature: 15-30°C						
		Relative humidity: not reported						
Neutralizer		Letheen broth						
Reviewer comments		The study was not conducted under GLP.						
•	deviations and	Electrostatic Sprayer Identity: Victory Cordless Electrostatic						
amendments,		Handheld Sprayer						
control failures, etc.)								

### V STUDY RESULTS

**Disinfection – Virucidal Efficacy** 

MRID		Description		Dried Virus		
	Organism		Lot 5010EG1800-CL	Lot 5010EG1500-CL	Lot 2210EG2000-CL	Control (Log <sub>10</sub> TCID <sub>50</sub> /carrier)
	15 s	seconds, 0.27 oz	/ gallon in 500 ppm	hard water, 1% FE	BS	
51251001	Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-	10 <sup>-1</sup> to 10 <sup>-6</sup> dilution*	Complete inactivation	Complete inactivation	Complete inactivation	
	Related Coronavirus 2), BEI Resources NR- 52281, Strain Isolate	Log <sub>10</sub> TCID <sub>50</sub> /carrier	≤ 0.80	≤ 0.80	≤ 0.80	5.55
	52281, Strain Isolate USA-WA1/2020	Log Reduction	≥ 4.75	≥ 4.75	≥ 4.75	

<sup>\*</sup>Dilution refers to the fold of dilution from the virus inoculum. Post neutralized sample was considered the 10<sup>-1</sup> dilution.

	_		Res	Dried Virus	
MRID	Organism	Description	Lot 5010EG1800 MMB62027	Lot 5010EG1500 MB65028	Control (Log <sub>10</sub> TCID <sub>50</sub> /carrier)
	30 seconds, 0.27 c	z / gallon of 400	ppm hard water, no soil; ele	ctrostatic spray application	
51251002	Feline calicivirus (ATCC VR-782)	10 <sup>-1</sup> to 10 <sup>-5</sup> dilution*	Complete inactivation	Complete inactivation	
		Log <sub>10</sub> TCID <sub>50</sub> /carrier	≤ 0.80	≤ 0.80	6.05
		Log Reduction	≥ 5.25	≥ 5.25	

**Disinfection – Bactericidal Efficacy** 

MRID	Organism	No. Exhibiting Grow	Average	
		Lot		log₁₀ CFU/
		5010EG1800 MB62027	5010EG1500 MB65028	Carrier
8 minut	es, 0.52 oz / gallon of 4	100 ppm hard water, no s	oil; electrostatic spray ap	plication
51251003	Staphylococcus aureus (ATCC 6538)	0/10	0/10	6.51
	Salmonella enterica (ATCC 10708)	0/10	0/10	4.98

### **Wetness Testing**

In addition to the efficacy testing, the registrant also conducted wetness testing to demonstrate that the surface remains visibly wet over the duration of the contact time. Pictures were provided as well as weight measurements.

MRID	80 micron ESS after 2-second Application					
	At 5 inches; 8 minutes, 0.52 oz/gallon of 400 ppm hard water					
51251004	Pass: Confirmed visual and gravimetric wetness					
	Average: 3.53 g					
	At 5 inches; 30 seconds, 0.27 oz/gallon of 400 ppm hard water					
51251004	Pass: Confirmed visual and gravimetric wetness					
	Average: 3.51 g					
	At 7 inches; 8 minutes, 0.52 oz/gallon of 400 ppm hard water					
51251005	Pass: Confirmed visual and gravimetric wetness					
	Average 2.11 g					
	At 7 inches; 30 seconds, 0.27 oz/gallon of 400 ppm hard water					
51251005	Pass: Confirmed visual and gravimetric wetness					
	Average: 1.63 g					

### VI STUDY CONCLUSIONS

MRID	Claim	Surface Type	Application Method(s) and Dilution	Contact Time	Soil load	Diluent	Organism(s)	Data support tested conditions?
51251001	Disinfectant, virucidal	Hard, non- porous surfaces	RTU liquid, diluted to 0.27 oz per gallon	15 seconds	1%	500 ppm hard water	<ul> <li>Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS- Related Coronavirus 2), BEI Resources NR-52281, Strain Isolate USA- WA1/2020</li> </ul>	Yes
51251003	Disinfectant, bactericidal	Hard non- porous surface	Electrostatic spray at 5-7 inches for 2 seconds; diluted 0.52 oz per gallon	8 minutes	none	400 ppm hard water	<ul> <li>Staphylococcus aureus (ATCC 6538)</li> <li>Salmonella enterica (ATCC 10708)</li> </ul>	Yes
51251002	Disinfectant, virucidal	Hard non- porous surface	Electrostatic spray at 5-7 inches for 2 seconds; diluted 0.27 oz per gallon	30 seconds	none	400 ppm hard water	<ul> <li>Feline calicivirus (Surrogate for Human Norovirus), Strain: F9, (ATCC VR-782)</li> </ul>	Yes

#### VII LABEL COMMENTS

**Label Date:** 08/28/20

1. The proposed labels claim that the products, S&S Sanitizer, when diluted at 0.27 oz. per gallon of water and the CW32A – RTU, when ready-to-use, are effective disinfectants against the following on precleaned, hard, non-porous surfaces for a 15 second contact time:

Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-Related Coronavirus 2), BEI Resources NR-52281, Strain Isolate USA-WA1/2020

These claims are **acceptable** as they are supported by the submitted data.

2. The proposed labels claim that the product, S&S Sanitizer, when diluted at 0.52 oz. per gallon of water, and CW32A – RTU, when ready-to-use, are effective disinfectants with bactericidal activity against the following as electrostatic sprays on precleaned, hard, non-porous surfaces for an 8-minute contact time:

Staphylococcus aureus (ATCC 6538) Salmonella enterica (ATCC 10708)

These claims are **acceptable** as they are supported by the submitted data.

3. The proposed labels claim that the product, S&S Sanitizer, when diluted at 0.27 oz. per gallon of water, and CW32A – RTU, when ready-to-use, are effective disinfectants with virucidal activity against the following as electrostatic sprays on precleaned, hard, non-porous surfaces for a 30 second contact time:

Feline calicivirus (Surrogate for Human Norovirus), Strain: F9, (ATCC VR-782)

These claims are **acceptable** as they are supported by the submitted data.

- 4. Make the following changes to the proposed labels (page numbers may vary the following page numbers are based on the label for EPA reg no. 1677-260):
  - a. Throughout the label, recommend revising use directions to specify that surface should remain visibly wet for the contact time, as a clear indicator for end users.
  - b. On page 4, revise "heavily soiled" to "visibly soiled".
  - c. On page 7, remove use directions for sanitizing as an electrostatic sprayer. Confirmatory data was only submitted to support disinfection claims.
  - d. On page 9,
    - i. remove "All-in-one" as it is overly broad and potentially misleading. This claim is not permitted per the Label Review Manual.
    - ii. Revise "works quickly" to "cleans quickly" or similarly clarify this claim to be specific to cleaning.
    - iii. Remove "(Helps) ensure (regulatory) (health department) (Food Code) compliance" from cleaning claims. This may be moved to public health claims.
  - e. On page 10,
    - i. recommend removal of "bacteria -fighting" as this may be misleading regarding the activity of the product.

- ii. Qualify "germicide" and "germicidal" per the agency's policy for germ claims: https://www.epa.gov/pesticide-labels/use-term-germs-antimicrobial-labels.
- f. On page 12,
  - i. remove brackets around "hard nonporous surfaces" for SARS CoV 2 claims. Ensure that each SARS CoV 2 claim is clearly linked to hard nonporous surfaces.
  - ii. in the last bullet for SARS CoV 2 claims, remove parenthesis from "(reduce the spread of)" and add "between treated hard nonporous surfaces"
  - iii. remove "all-in-one" (see d.i.).
- g. On page 14, under the "Use Sites" table, remove parenthesis around required qualifiers such as "non wood" or "exteriors".
- h. On pages 14-15, for sites such as "walk in refrigerators", "beverage dispensing equipment", "(refrigerated) food storage display", "chiller tanks", "freezers", "ice chests", "ice machines", "ice scoops", "refrigerator bins", "refrigerators", "Slurpee/ICEE machines", "soft serve ice cream/yogurt machines", "steam tables", "stove tops", and "toasters" specify that surfaces should come to room temperature for treatment or ensure efficacy data supports claims at representative temperatures.
- i. On page 17, update EVP language for consistency: "This product qualifies for emerging viral pathogen claims per the EPA's 'Guidance to Registrants: Process for Making Claims Against Emerging Viral Pathogens not on EPA-Registered Disinfectant Labels' when used in accordance with the appropriate use directions indicated below.

This product meets the criteria to make claims against certain emerging viral pathogens from the following viral categories:

- -Enveloped Viruses
- -Large Non-Enveloped Viruses
- -Small Non-Enveloped Viruses

For an emerging viral pathogen that is a/an	follow the directions for use for the following organisms on the label:			
Enveloped virus	Norovirus (Feline calicivirus surrogate) (ATCC VR-782), Strain F-9			
Large, non-enveloped virus	Norovirus (Feline calicivirus surrogate) (ATCC VR-782), Strain F-9			
Small, non-enveloped virus	*Norovirus (Feline calicivirus surrogate) (ATCC VR-782), Strain F-9 Rhinovirus (ATCC VR-1607)			

#### Acceptable claim language:

[Product name] has demonstrated effectiveness against viruses similar to [name of emerging virus] on hard, non-porous surfaces. Therefore, [product name] can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [pathogen-specific website address] for additional information.

[Name of illness/outbreak] is caused by [name of emerging virus]. [Product name] kills similar viruses and therefore can be used against [name of emerging virus] when used in accordance with the directions for use against [name of supporting virus(es)] on hard, non-porous surfaces. Refer to the [CDC or OIE] website at [website address] for additional information."